

Title (en)

Capsule for storage, mixing and dispensing materials

Title (de)

Kapsel zur Lagerung, Mischung und Ausgabe von Materialien

Title (fr)

Capsule pour le stockage, le mélange et la distribution des matériaux

Publication

**EP 1577227 A1 20050921 (EN)**

Application

**EP 04005801 A 20040311**

Priority

EP 04005801 A 20040311

Abstract (en)

The present invention relates to a capsule (100) for storage, mixing and dispensing of materials, preferably dental materials like glass ionomer cement. The capsule comprises a capsule body member (101) that provides a main chamber (102) and comprises a dispensing opening (103), a receptacle (110,111,112) providing an auxiliary chamber (113) said receptacle being accommodated in said capsule body member, and an applicator member (120) being slideably accommodated in said capsule body member.

IPC 1-7

**B65D 81/32**; **A61C 5/06**; **A61M 5/315**

IPC 8 full level

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CPC (source: EP US)

**A61C 5/64** (2017.01 - EP US); **A61C 5/66** (2017.01 - EP US); **B65D 81/3255** (2013.01 - EP US)

Citation (search report)

- [XY] US 3756390 A 19730904 - ABBEY A, et al
- [X] GB 1300163 A 19721220 - SILVER JULES [US]
- [X] DE 9209105 U1 19931104 - IHDE STEFAN PROF DR [DE]
- [X] US 2665690 A 19540112 - LOCKHART MARSHALL L
- [XY] FR 2131809 A1 19721117 - DURAFFOURD PAUL
- [X] US 4136775 A 19790130 - ZALTSMAN SAUL
- [X] US 3831742 A 19740827 - KIEFER R, et al
- [X] US 3860114 A 19750114 - MERCKARDT VOLKER
- [X] US 3537605 A 19701103 - SOLOWEY IDA

Cited by

US8142562B2; EP3075345A1; WO2016156461A1; US10874482B2

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